

PC System Recovery Solution



User's manual

SGT Co., Ltd.

Caution

- ♦ Please be sure to read this instruction manual before you start using 1SecRecovery (the “program”). For the latest information and the upgrade news on the program, please check our homepage.
- ♦ Before using 1SecRecovery, it is recommended to back up your important data saved on your computer. We do not take any responsibility for the data loss caused by a mistake on the part of the customer.
- ♦ Due to the continuous improvements on the program, some information on this manual won't match with the program itself.

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Chapter 1. Program outline

The computers centered in our information society have come to the essential tool for our modern life. We cannot live our lives without using computers.

The more frequently we use the computers, the more the system failures caused by the users' mistakes, virus or hacking will occur. Not only these system failures may cause troubles in your business, but also you should spend quite a few time and cost to recover the system.

1SecRecovery will protect your valuable system from the computer system failures, and provide you the solution for the immediate and secure recovery of the computers when the system failures occur.

Recommended system specification

Item	Recommended Specification
CPU	Pentium4 2.0Ghz and over / Intel Pentium compatible processor
Memory	1 GB or larger
HDD space	Space 30 GB or larger at least 10 GB, including 2GB in serial
File system	NTFS
OS	Windows XP / Windows Vista / Windows 7 / Windows 8* / Windows 8.1* (32bit / 64bit)

* Currently does not support for 32bits UEFI model.

1SecRecovery does not support;

- ♦ Multi boot system.
 - ♦ System with Windows installed in other partition than Local Disk (C:).
 - ♦ System that is installed as Dynamic Disk, including Local Disk (C:).
 - ♦ System that is setup to boot from other partition than Local Disk (C:).
 - ♦ System of which Local Disk (C:) is installed in a logical partition.
- System installed in a motherboard which system BIOS doesn't support INT13h Extension.

Cautions for installation

- ♦ When other recovery program has already been installed in the system, uninstall it first and then install 1SecRecovery.
- ♦ **Hibernate mode:** Hibernate mode of laptop PC disturbs the program's functions to protect Local Disk (C:). Do not use hibernate mode. Once the program has been installed, program's setup will automatically change, disabling hibernate mode.
- ♦ When a system installed by 1SecRecovery is replicated or restored on another computer using an image backup program, "1SecRecovery Corrupt" error may occur.
- ♦ When you create a hard disk image using an image backup programs, uninstall 1SecRecovery first and then create the image.
- ♦ Do not use the "debugging information writing" function when a system error occurs. Once 1SecRecovery has been installed, program's setup will automatically change, disabling the "debugging information writing" function.

1SecRecovery is a program to recover your computer instantly and securely from the problems occurred on Local Disk (C:). However the program may not be able to recover the system in case of following:

- ♦ Physical damage on HDD.
- ♦ Contents of Local Disk (C:) has been changed using other devices (like FD, CD, OD, external HDD, booting through network or USB memory) than the internal HDD in which Windows has been installed.
- ♦ Local Disk (C:) has been formatted with low-level format program provided by the HDD manufacturer.
- ♦ A HDD containing Local Disk (C:) has been connected to other computer and the contents of Local Disk (C:) have been rewritten.
- ♦ If you change the drive letter of the Local Disk (C:) in the Registry Editor.

Chapter 2. Install/Uninstall the program

1. Before installation

When you install 1SecRecovery onto the system currently in use, follow the steps below to keep the system in an optimal condition, before installing the program.

Especially when the system is unstable and an error message pops up while booting or the system shuts down while in use, solve these problems first and then install the program. If you cannot solve these problems, reinstall Windows and then install the program.

1) Deletion of other recovery programs

It is recommended to install 1SecRecovery after deleting other recovery programs installed on the computer first, as the recovery programs may conflict each other, or cause serious problems on the system by interference between them.

We do not take any responsibility for the problems occurred during the 1SecRecovery installation, and the problems on the system occurred after the installation without deleting other recovery programs.

2) Disk Cleanup

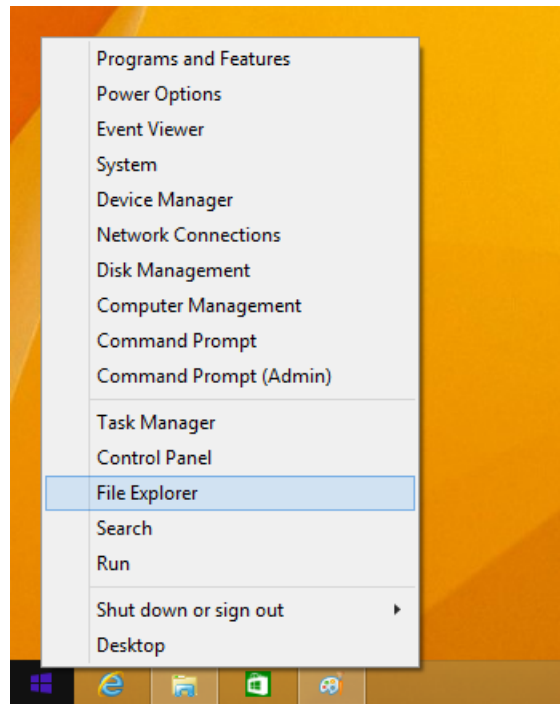
Delete unnecessary files/programs from the Local Disk (C:).

Delete unnecessary files or programs stored in Local Disk (C:) that you haven't used for a long time, and then cleanup Local Disk (C:), using "Disk Cleanup" utility provided by Windows.

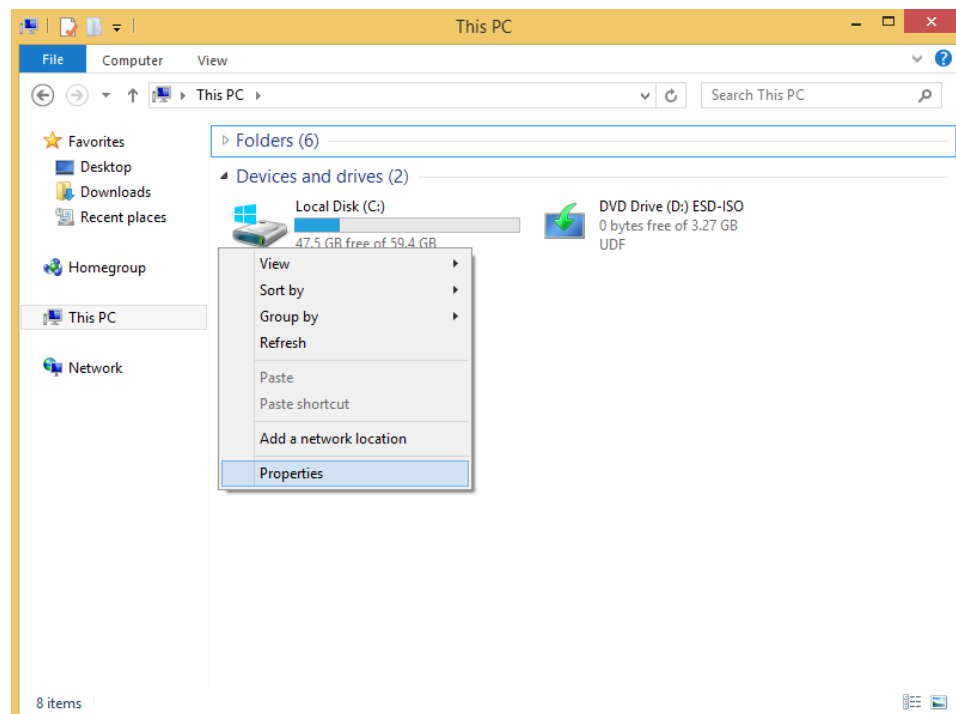
If you install 1SecRecovery without disk cleanup, Windows may slow down, or HDD space for the program may increase in order to protect the system area.

Disk Cleanup Procedures

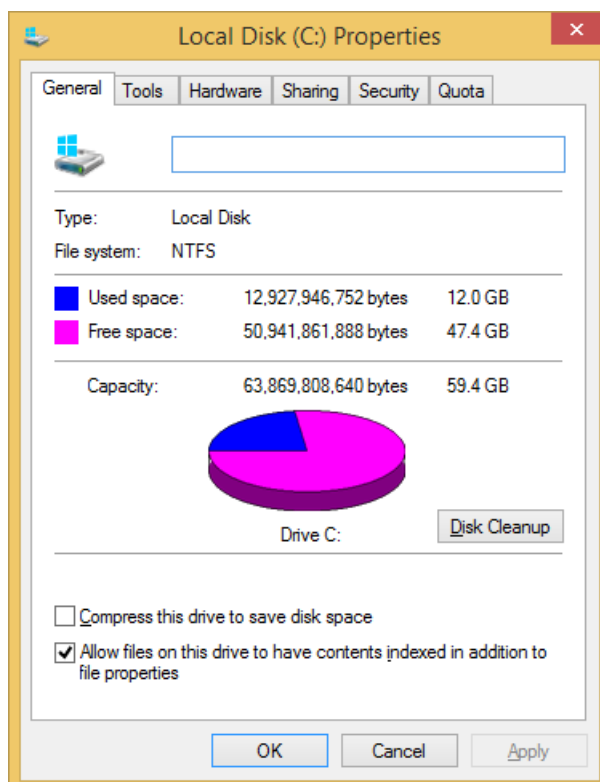
A) Right-click “Start button”, and then select “File Explorer”.



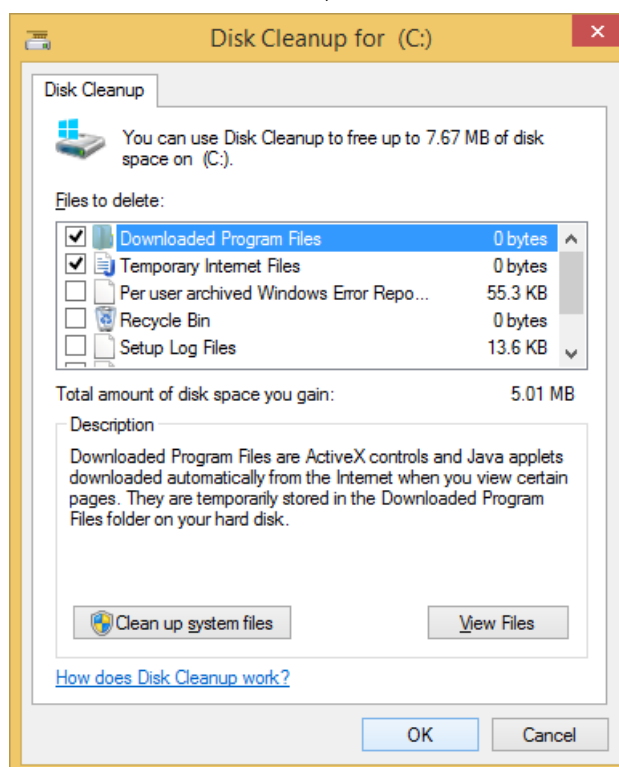
B) Right-click Local Disk (C:), and then select “Properties”.



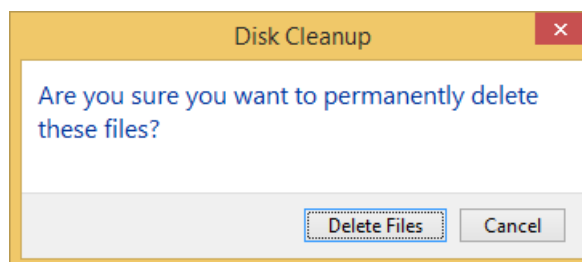
- C) On “General” tab on the “Local Disk (C:) Properties” window, and then click “Disk Cleanup”.



- D) Choose files to delete from “Delete File” list, and then click “OK”.



E) Click “Delete Files” to delete unnecessary files.



3) Disk Check

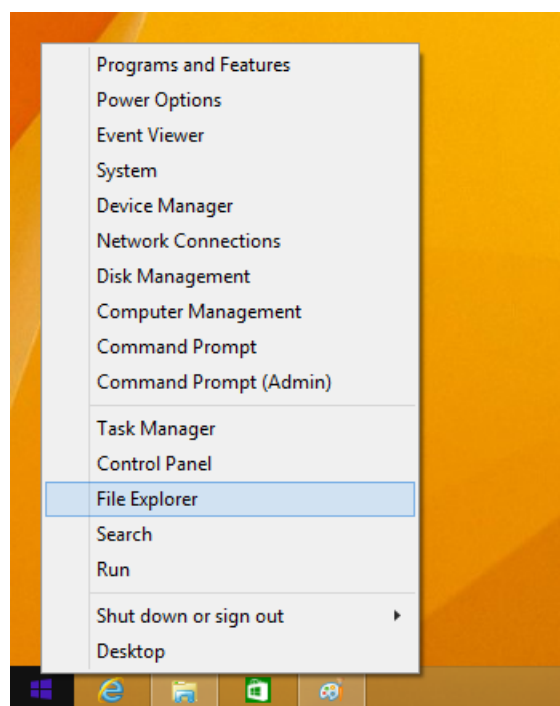
Check if there are any problems in the file system on Local Disk (C:), and correct the detected errors, if any.

If it is impossible to correct the file system errors using Disk Cleanup utility provided by Windows, we recommend reinstalling Windows and then install 1SecRecovery.

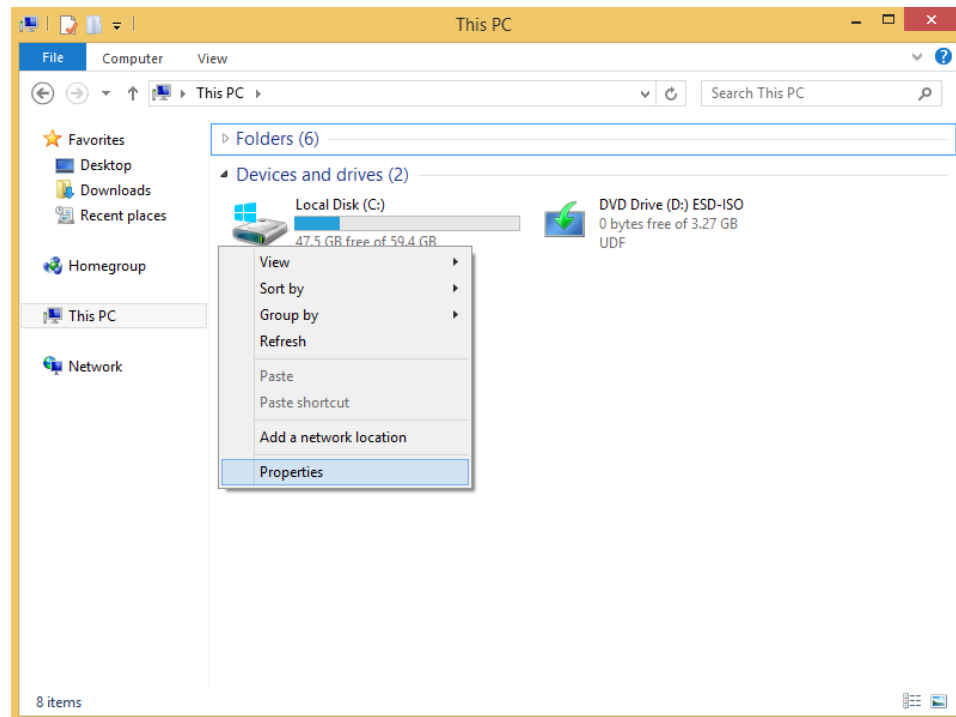
If you install the program without correcting the file system errors on Local Disc (C:), some errors may occur during the installation, or you cannot install correctly because of the file system problems. Even if the installation has been completed properly, problems may occur while using the program.

How to use “Disk Check” Utility

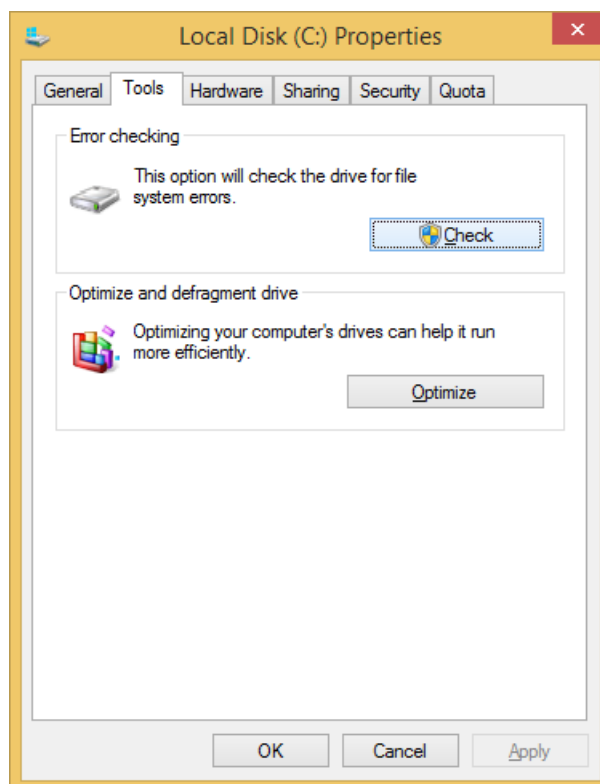
A) Right click “Start button”, and then select “File Explorer”.



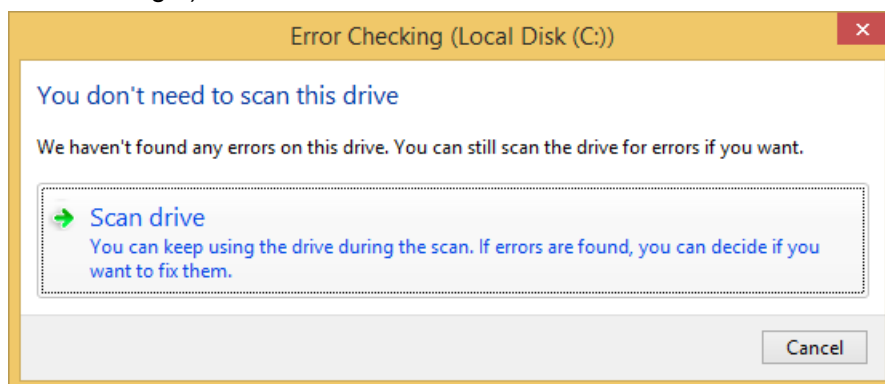
B) Right-click Local Disk (C:), and then select “Properties”.



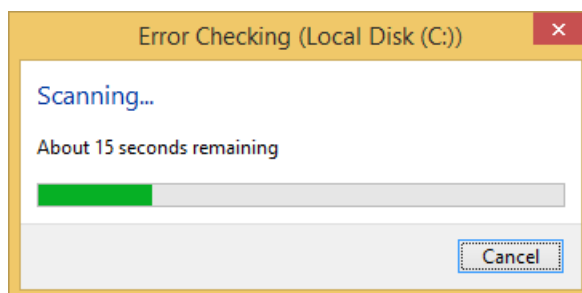
C) Click “Tools” tab on the “Local Disk (C:) Properties” window, and then click “Check”.



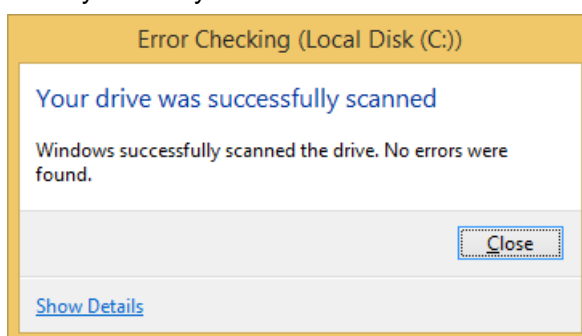
- D) It may be displayed as "You don't need to scan this drive" but you can click the "Scan drive". (It may take time according to the size of Local Disk (C:). It might display message that is different from the figure below, in that case please follow the instructions on the message.)



- E) "Scan Drive" will be executed.



- F) Repeat this procedure until no error occurs during Check Disk. If errors occur despite the repetitive Check Disk, it is recommended to reinstall Windows because there must be a problem on the file system in your Windows.



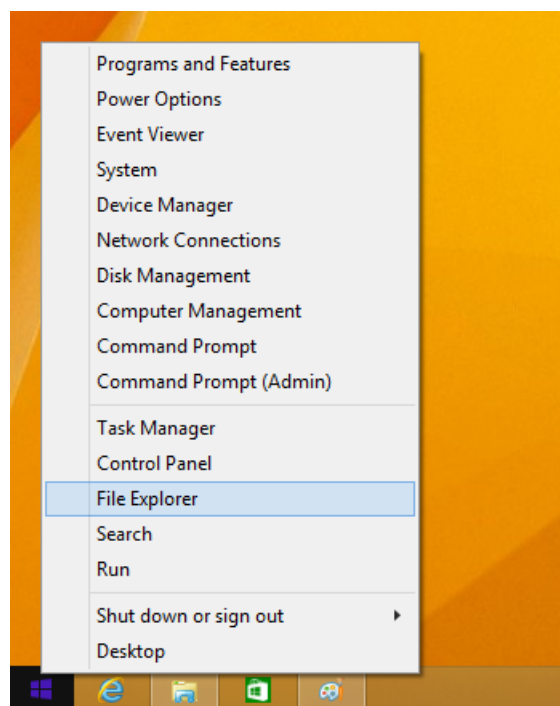
4) Disk Optimization

Optimize Local Disk (C:) using “Disk Optimization” utility.

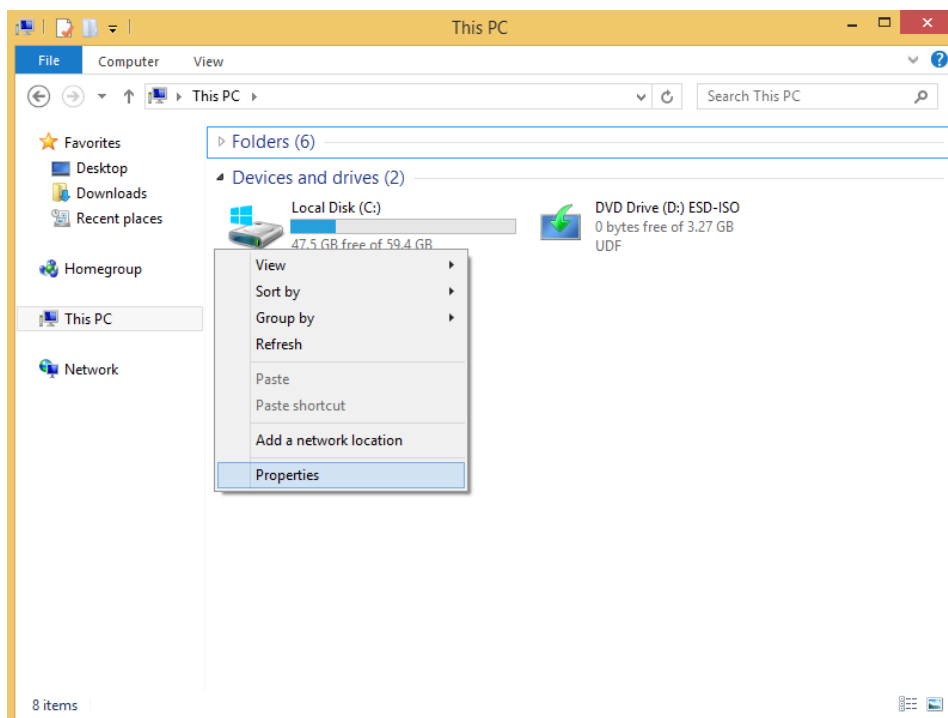
If you install 1SecRecovery without optimizing the disk first, Windows may slow down, or the Program may take up too much space in order to protect the system area and some problems may occur in the area used by the program.

Disk Optimization Utility Procedures

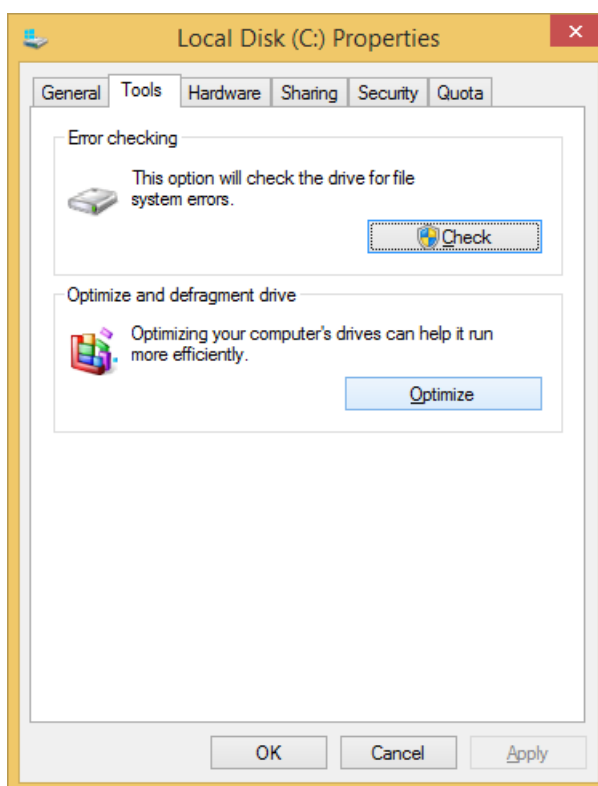
A) Right click “Start button”, and then select “File Explorer”.



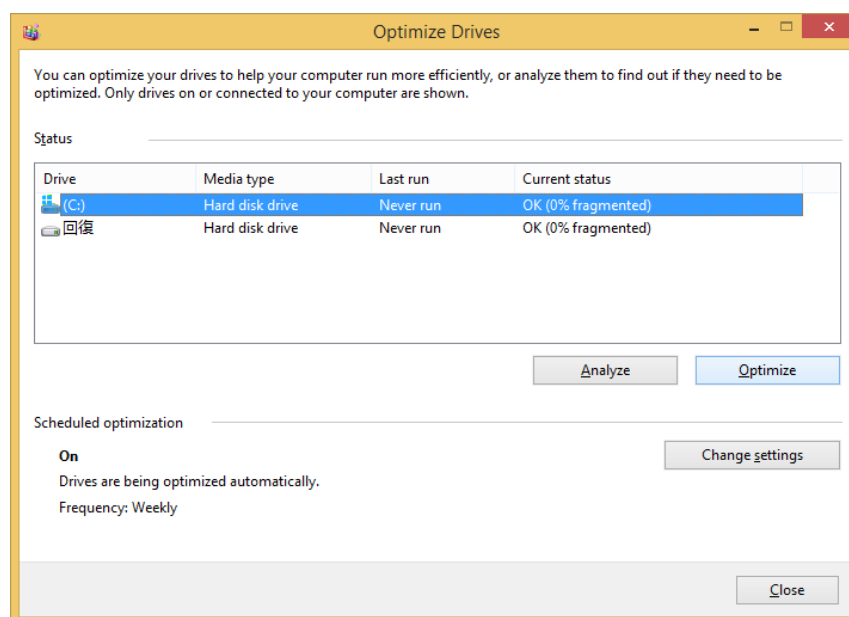
B) Right-click Local Disk (C:), and then select “Properties”.



C) Click “Tools” tab on the “Local Disk (C:) Properties” window, and then click “Optimize”.



D) Click “Disk Optimization” on “Disk Defragmenter” window.



5) Virus check

Delete viruses and malicious codes using an anti-virus software, or a wiping tool for malicious codes.

If you install 1SecRecovery when viruses or malicious codes still exist in the system, they cannot be deleted even if you recover Local Disk (C:) with System Recovery command.

6) Back up user data

To prevent user data from unexpected problems during the installation of the program, you are advised to backup your important data onto other media before installing the program.

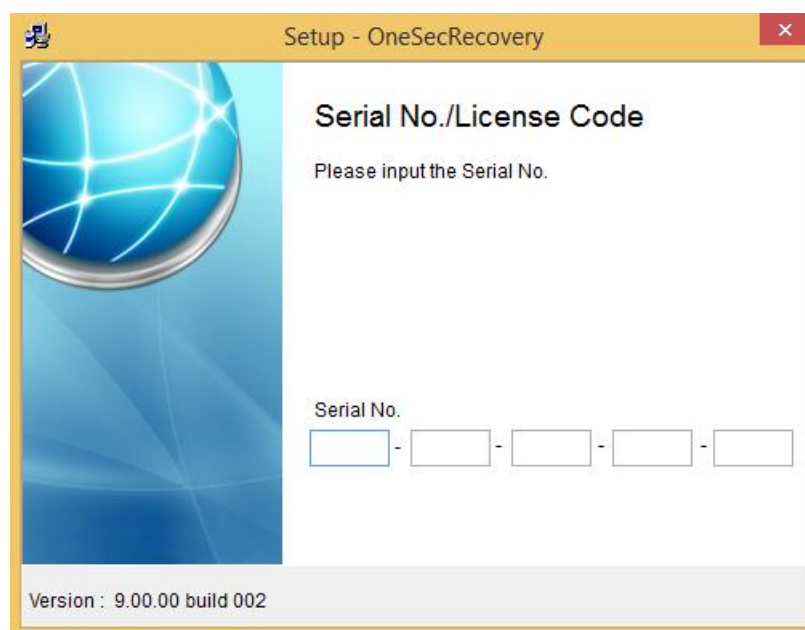
Caution, after the installation 1SecRecovery, there may be rare cases in which the data saved on Local Disk (C:) may be deleted when running System Recovery command. Therefore, it is recommended to move the user data folder to a drive other than Local Disk (C:).

If the PC is configured only with Local Disk (C:), it is recommended to use a different utility to divide partitions, to store the user data folder in a separate partition.

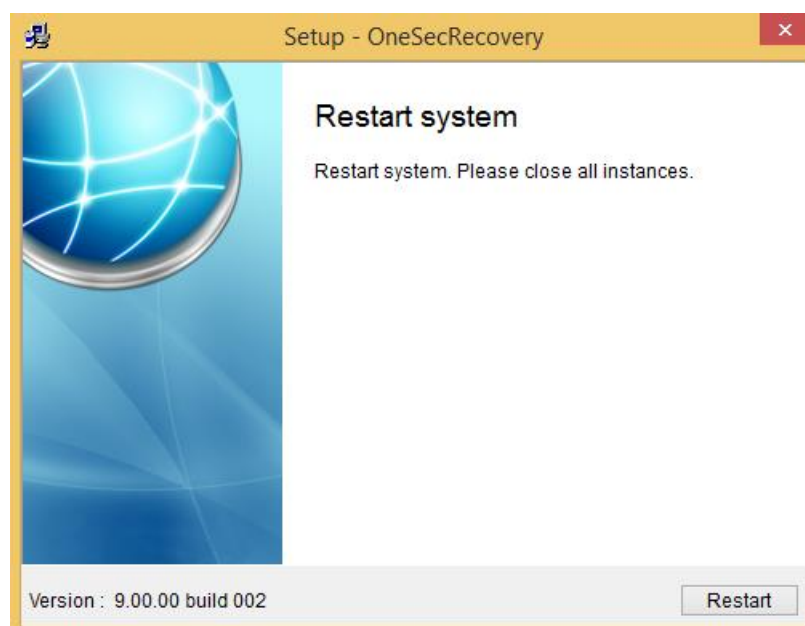
2. Installing the program

After you complete the procedure before the installation, install 1SecRecovery. Before you start to installation, make sure that the computer is connected properly.

- 1) Execute "install program", and then the licence authentication screen will be displayed. Enter the licence code, and then click "Next".



- 2) Reboot the system to complete the installation. Click "Next", and the system will reboot.



- 3) The 1SecRecovery screen will be displayed, and then Windows will be boot.

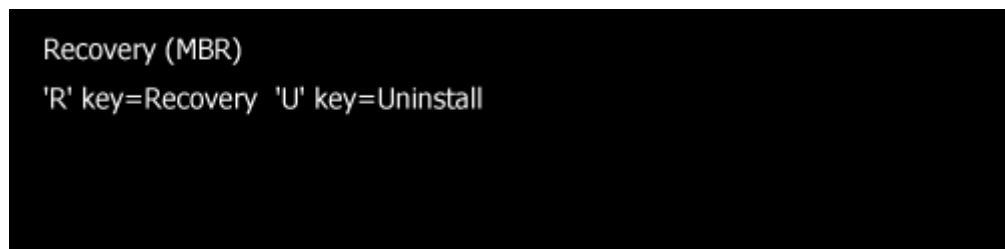


Fig1. MBR version

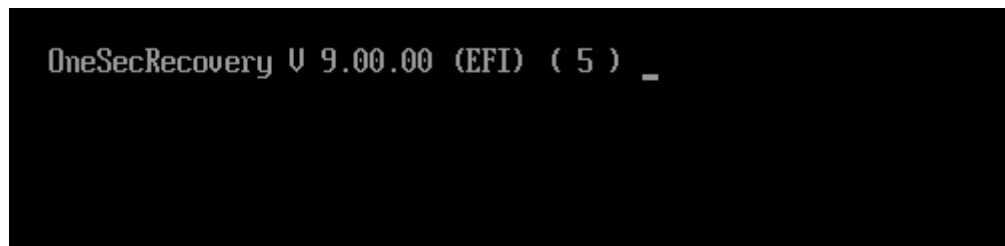


Fig2. UEFI version

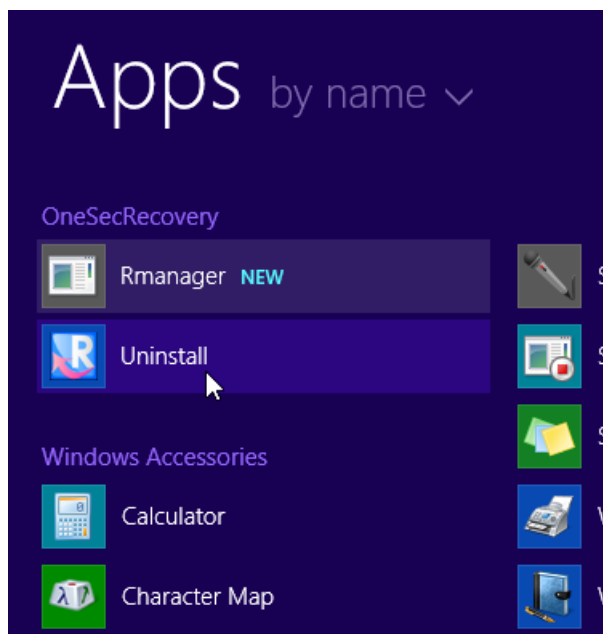
- 4) After completing the installation, the 1SecRecovery icon will be added in the Windows Notification Area.



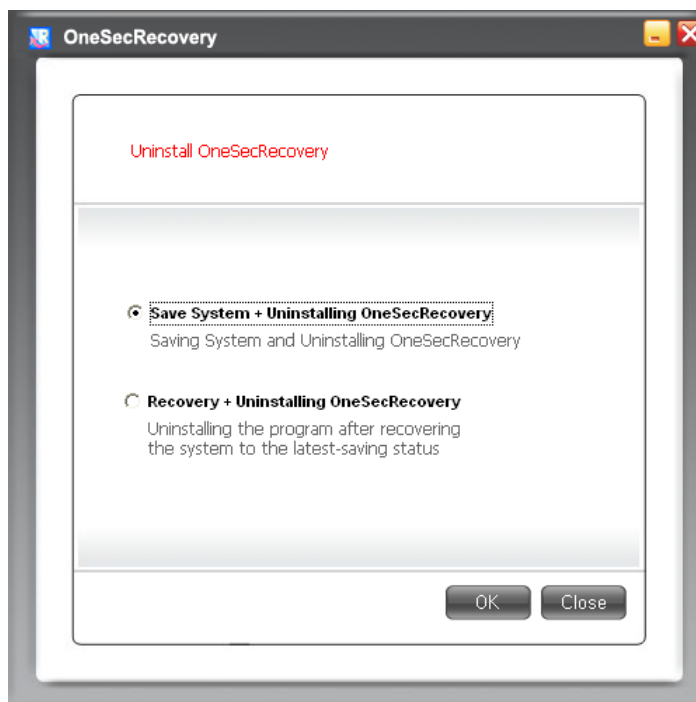
3. Uninstalling the program

Uninstall 1SecRecovery from the system. When reinstalling Windows or installing the program to another computers, the program must be uninstalled from current computer correctly.

- 1) Go to All Programs of the Start Menu, and then click “1SecRecovery” - “Uninstall”.

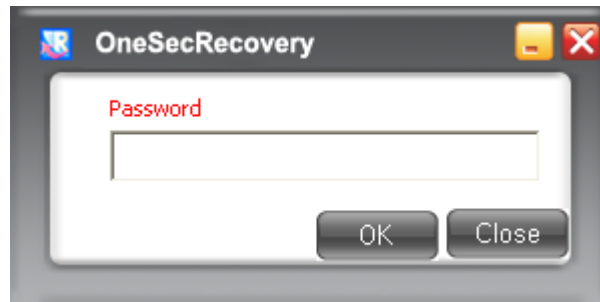


- 2) Choose a way of uninstalling 1SecRecovery program.



- ♦ Save System + Uninstalling 1SecRecovery
Save the latest system status and then uninstall 1SecRecovery.
- ♦ Recovery + Uninstalling 1SecRecovery
Recover the system to the last Savepoint and then uninstall 1SecRecovery.

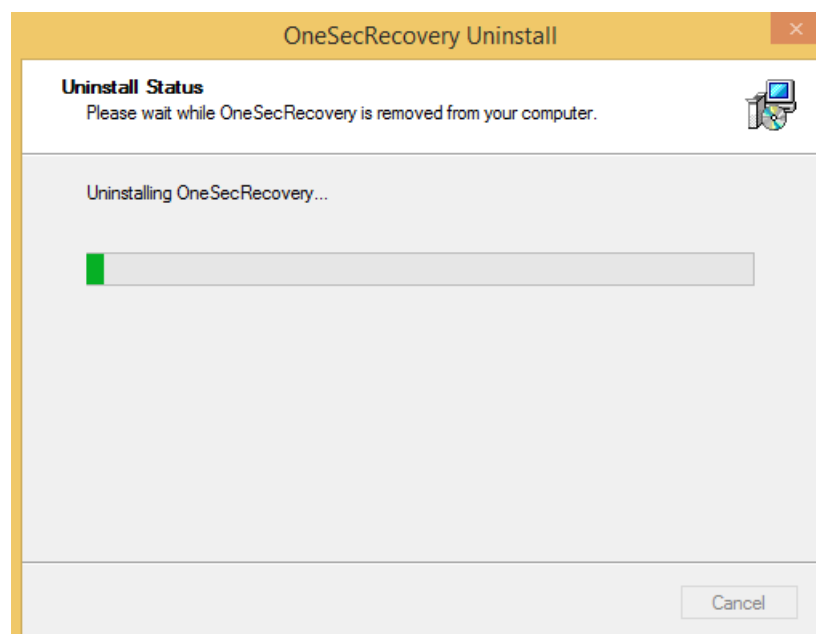
3) Enter the password (when the password is enabled in the optional settings menu).



4) Click "OK" to reboot the system.



5) After rebooting the system, the program will be deleted. The 1SecRecovery uninstallation is completed.



Chapter 3. How to use the program

1. Recovery Manager

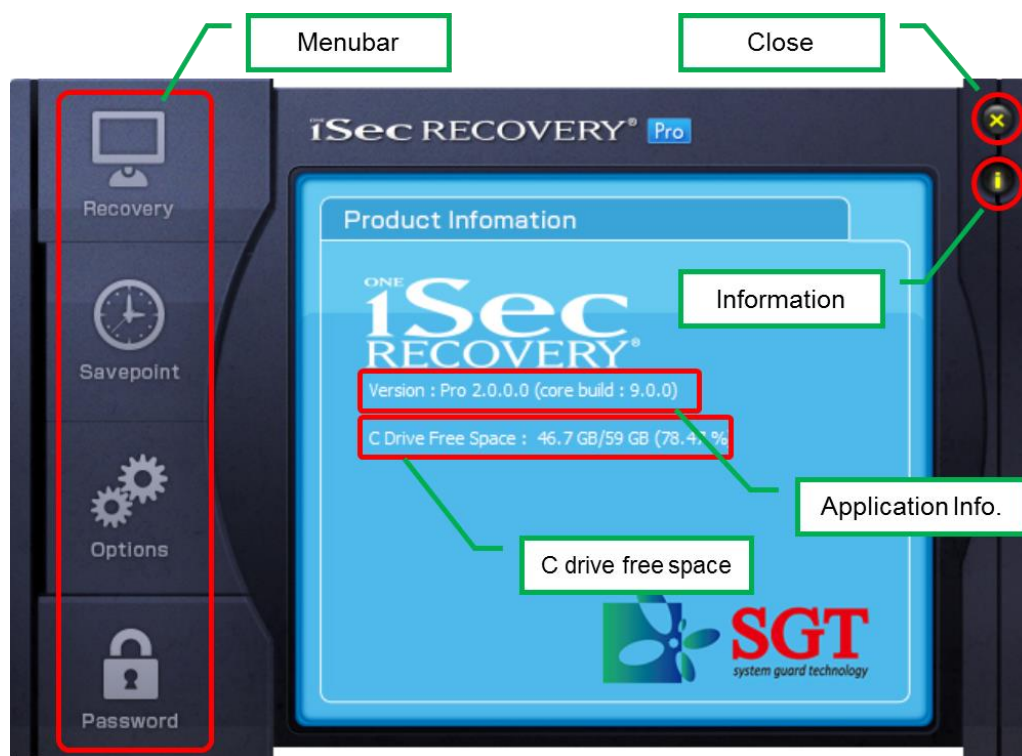
1) Display Recovery Manager

Double-click 1SecRecovery icon in the Windows Notification Area, and then the program window will be displayed.



Or select 1SecRecovery form the Start Menu.

2) Screen Configuration



※ You might not be able to save point creation when displayed on the product information "C drive free space" is low. It is recommended that you conduct regular save point creation.

Please perform recovery or "uninstall of 1SecRecovery" when you get the message "work capacity is not enough ...".

3) Recovery

Recover Local Disk (C:) to the state at the last Savepoint.

This operation involves Windows rebooting.

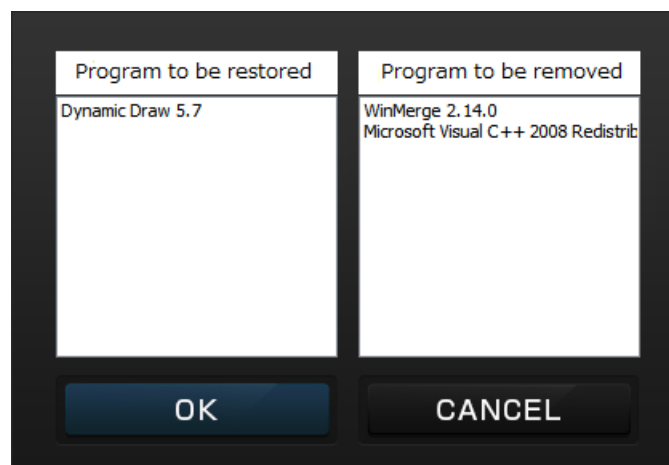
Procedures

A) Click “Recovery” on the menu bar.

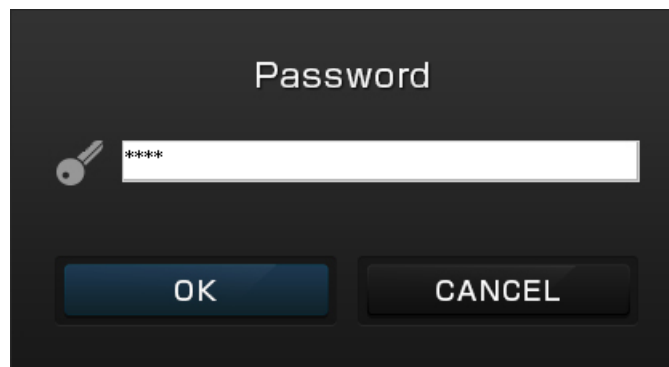
B) Confirm the “Savepoint Creation Date”, and then click “Start”.



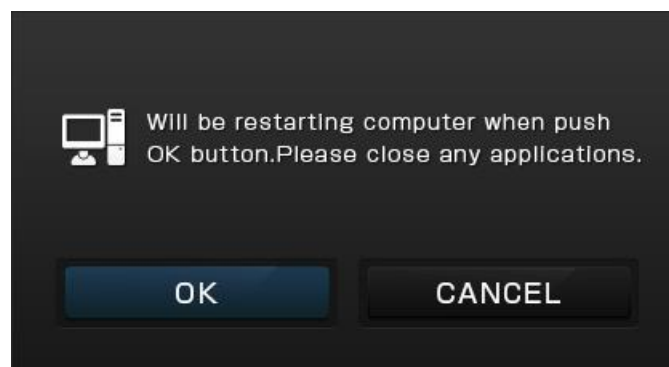
C) Confirm the program “to be restored” and “to be removed”, and then click “OK”.



D) Enter the password (when the password is enabled).



E) Reboot Windows to execute the recovery. Click "OK" to reboot Windows.



Cautions:

- ♦ Once "Recovery" is executed, the data saved on Local Disk (C:) after the "Savepoint Creation Date" will be deleted.
- ♦ Before executing "Recovery", backup the important data saved on Local Disk (C:) onto other disk.
- ♦ We do not take any responsibility for the data loss after executing "Recovery".

Note

The first Savepoint created automatically when 1SecRecovery has been installed.

4) Savepoint Creation

Record the current status of the Local Disk (C:). The computer will be recovered at this status with next recovery. Scan or wipe out “Viruses” and “malicious Codes (Malware)” to make the computer in the best condition.

This operation involves Windows rebooting.

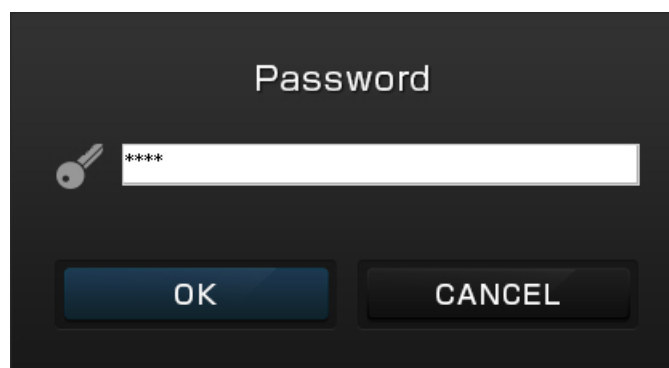
Procedures

A) Click the “Savepoint” on the menu bar.

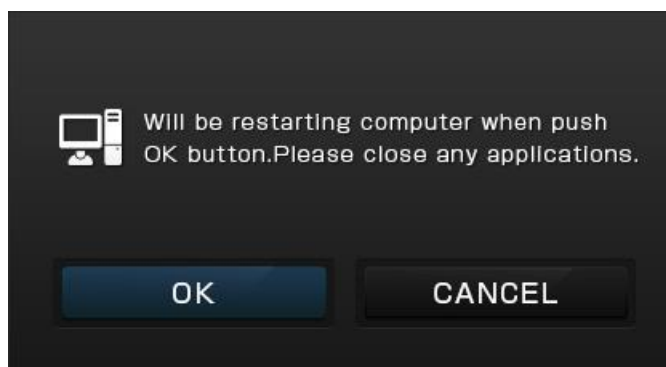
B) Record the current status of Local Disk (C:). Make a brief memo for the Savepoint, and click “Start”. ※Windows shut down automatically after 1SecRecovery create a save point If you check the "Power off after creating savepoint".



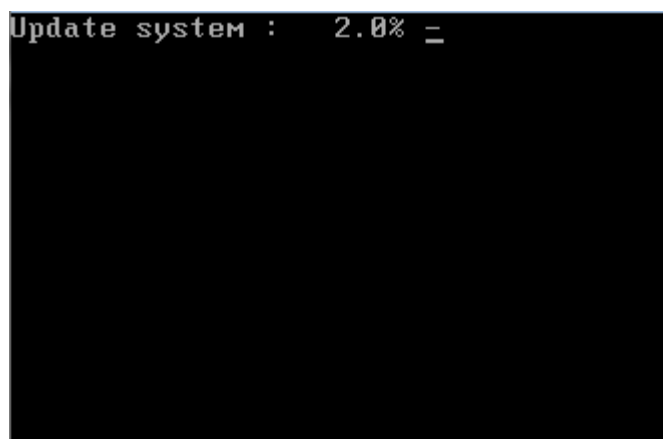
C) Enter the password (when the password is enabled).



D) Reboot Windows to execute the Savepoint Creation. Click “OK” to reboot Windows.



E) Create the Savepoint before rebooting Windows.



Do not reboot or shut down the computer during the Savepoint Creation.
Windows will boot after this procedure.

Cautions:

- ♦ Before executing “Savepoint Creation”, it is recommended to cleanup unnecessary data saved on Local Disk (C:).
- ♦ Before executing “Savepoint Creation”, it is recommended to cleanup unnecessary files using “Disk Cleanup”.
- ♦ Before executing “Savepoint Creation”, it is recommended to scan or wipe out “Viruses” and “Malicious Codes (Malware)” to make Local Disk (C:) in the best condition.
- ♦ The “Savepoint Creation” may take a few or more minutes according to the usage of the program.

5) Option Setting

Set up the environment for the recovery cycle and enabling/disabling some functions.

Note) Restart Windows when you have set the "Enable Remote Control".

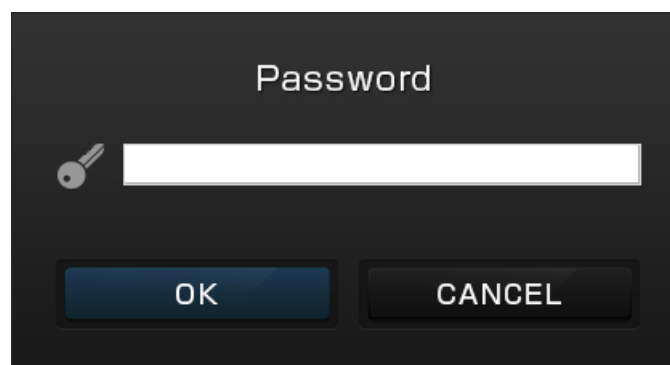
Procedures

A) Click "Option Setting" on the menu bar.

B) Specify the "Boot action", "Enable Password", "Enable Remote Control" and "UDP PORT".



C) Click "Save", then enter the password.



■ Boot action

- ◆ None : Keeps Local Disk (C:) status until users execute “Recovery”.

■ Savepoint

- ◆ Every boot : Create savepoint at every time boot.

■ Recovery

- ◆ Every boot : Recovers at every time boot.
- ◆ Daily : Recovers at the first boot from 0:00 to 23:59.
- ◆ Interval days : Recovers at the first boot from the elapse of the scheduled days.
- ◆ Day of week : Recovers at the first boot on the specified Day.

■ Enable Password

You will be prompted for a password in the following cases: when you set this feature.

- When you save the configuration changes.
- When you perform a recovery and save point creation from the menu.
- When you run the emergency recovery and emergency uninstall.

※You will not be prompted for a password at the time of recovery when the recovery period is set.

■ Enable remote

You can “Recovery” and “Power ON/OFF” and “Capturing desktop screen of the client PC” from the net manager If you set this function.

■ UDP PORT

You can set the port number for remote control from the net manager.

6) Password (Change Password)

Click “Password” to change the password required to use 1SecRecovery functions. Make sure not to leak the password. It is recommended to change the password regularly to prevent the damage caused by the password leak. The initial password for 1SecRecovery is “1sec”.

Please set alphanumeric 8 characters includes the alphabet of more than one character.

Procedures

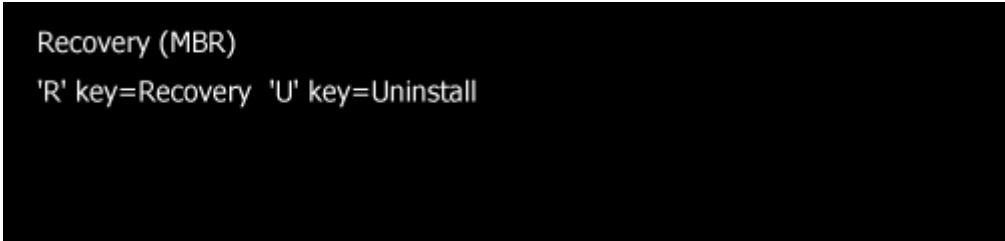
A) Click “Password” on the menu bar.

B) Enter the current password and the new password, and the new password again for confirmation, and then click “Save”.



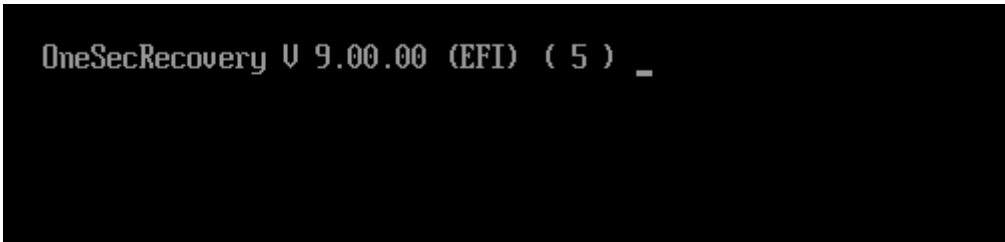
2. Emergency Menu

This menu is used in an emergency when the system problems occur and Windows won't boot. There are two commands, "Emergency Recovery" and "Emergency Uninstallation".



```
Recovery (MBR)
'R' key=Recovery 'U' key=Uninstall
```

Fig1. MBR version



```
OneSecRecovery U 9.00.00 (EFI) ( 5 ) _
```

Fig2. UEFI version

When using the Emergency Menu, the above screen will be displayed after the computer is turned on.

Enter "R" key to execute the "Emergency Recovery" while the above screen is displayed, or "U" key to the "Emergency Uninstallation".

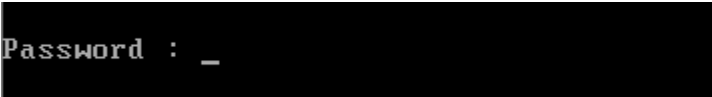
1) Emergency Recovery

Execute the "Emergency Recovery" when Windows won't boot.

Procedures

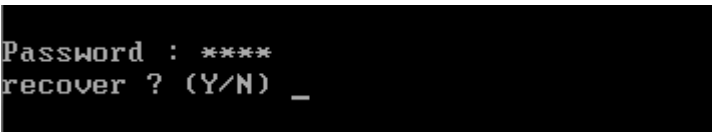
A) Enter "R" key while the Emergency Menu is displayed.

B) Enter the password (when the password is enabled).



```
Password : _
```

C) Enter "Y" key to execute "Emergency Recovery".



```
Password : ****
recover ? (Y/N) _
```

D) "Emergency Recovery" will be executed, and Windows will boot.

2) Emergency Uninstallation

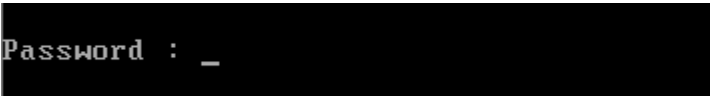
Uninstall 1SecRecovery when Windows won't boot.

If you can boot Windows, it is recommended to uninstall 1SecRecovery from the Start Menu after you boot Windows.

Procedures


A) Enter "U" key while the Emergency Menu is displayed.

B) Enter the password (when the password is enabled).



```
Password : _
```

C) Enter "Y" key to continue the "Emergency Uninstallation".



```
Password : ****  
  
This is emergency uninstall.  
  
Uninstall ? (y/n)_
```

D) Enter the option number for the "Emergency Uninstallation".

1: recover + Uninstall

2: save + Uninstall



```
Password : ****  
  
This is emergency uninstall.  
  
Uninstall ? (y/n)y  
  
1. recover + Uninstall  
2. save + Uninstall  
=====
```

```
Select : _
```

Fig1. MBR version

```
OneSecRecovery V 9.00.00 (EFI) ( 2 )  
  
Password : ****  
  
This is emergency uninstall  
Uninstall ? (Y/N) Y  
  
1. recover + Uninstall  
2. save + Uninstall  
9. cancel this procedure  
=====
```

```
Select : _
```

Fig2. UEFI version

E) Enter "Y" key to execute the "Emergency Uninstallation".

```
Password : ****  
  
This is emergency uninstall.  
Uninstall ? (y/n)y  
  
1. recover + Uninstall  
2. save + Uninstall  
=====
```

```
Select : 1
```

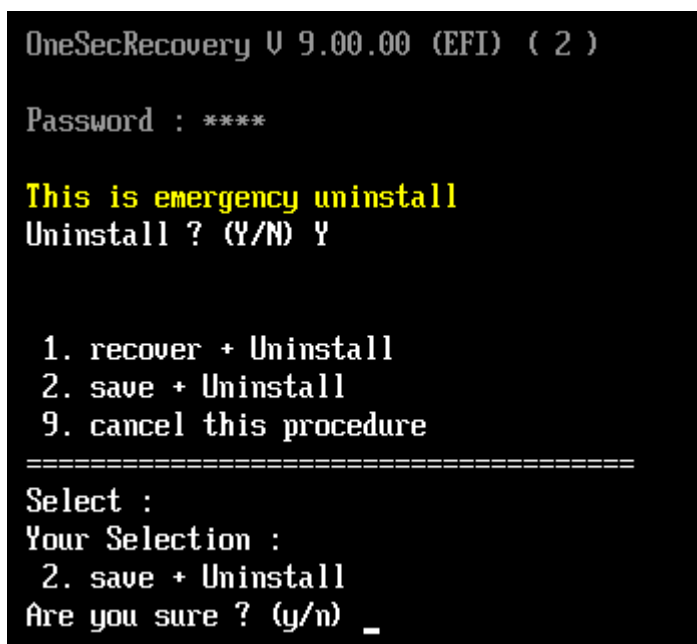
```
Your Selection :
```

```
1. recover + Uninstall
```

```
Are you sure ? (y/n) _
```

Fig1. MBR version

```
OneSecRecovery V 9.00.00 (EFI) ( 2 )  
  
Password : ****  
  
This is emergency uninstall  
Uninstall ? (Y/N) Y  
  
1. recover + Uninstall  
2. save + Uninstall  
9. cancel this procedure  
=====
```



```
Select :  
Your Selection :  
2. save + Uninstall  
Are you sure ? (y/n) _
```

Fig2. UEFI version

F) The “Emergency Uninstallation” will be executed, and Windows will boot. After log in, the deletion of the unnecessary files will continue.

Caution:

- ♦ If you execute “2. save + Uninstall” when Windows does not start properly, Windows won’t start properly as well after uninstalling 1SecRecovery. Choose “1. recover + Uninstall” when Windows does not start properly, and then install the program after the system has been recovered.
- ♦ When important user data are saved on Local Disk (C:) while Windows does not start properly, choose “2. save + Uninstall”. It is recommended to reinstall Windows after you backup important user data attaching a HDD to other computer. Once executed “1. recover + Uninstall”, the user data saved on Local Disk (C:) after the Savepoint Creation will be deleted.

3. Command line options

Execute "Recovery" and "Savepoint Creation" from the command line.

It is not possible to execute "Recovery" and "Savepoint Creation" at the same time.

Caution: "Recovery" and "Savepoint Creation" will have Windows reboot immediately, and then proceed with their tasks.

1) Recovery

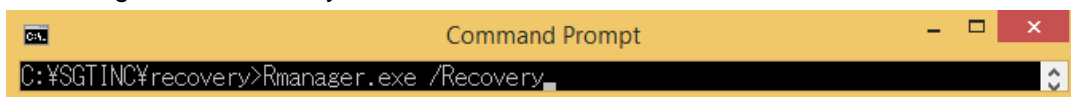
By specifying as "/Recovery" after executable file name, the recovery will be executed.

By specifying full path of the executable file name, you could execute from any directory.

Procedures

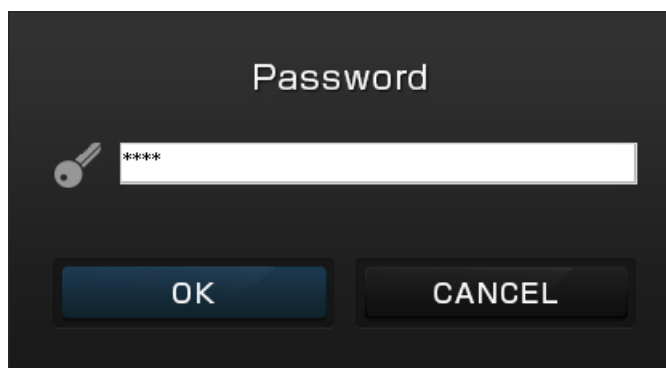
A) Enter the following command, and then press the Enter key.

"RManager.exe /Recovery "



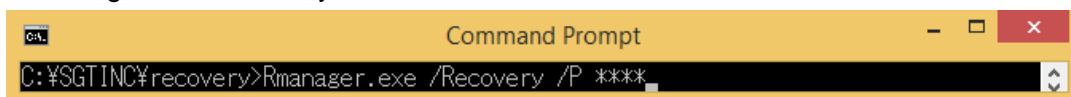
B) Enter the password (when the password is enabled), and then click "OK" button.

Windows will reboot and the recovery will be executed if the password is correct.



C) Specify "/P" in the argument, and the following string will be processed as a password. When the password has been specified, the password entry dialog does not appear.

"RManager.exe /Recovery /P **** "



2) Creating a Savepoint

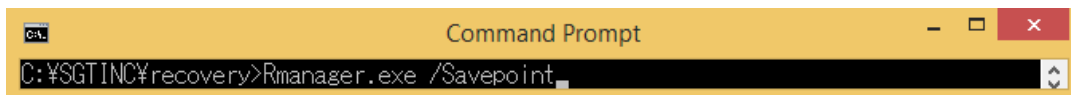
By specifying as "/Savepoint" after executable file name, the Savepoint will be created.

By specifying full path of the executable file name, you could execute from any directory.

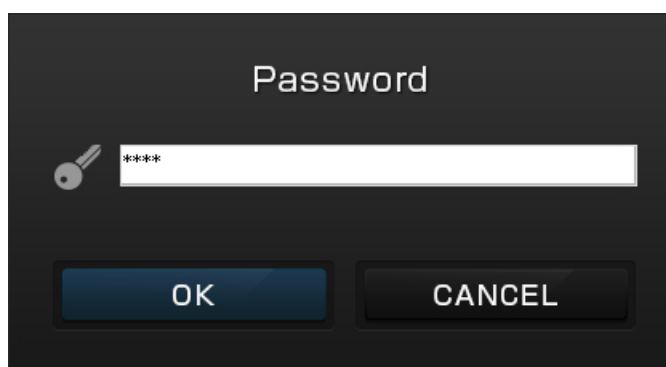
Procedures

- A) Enter the following command, and then press the Enter key.

“RManager.exe /Savepoint ”

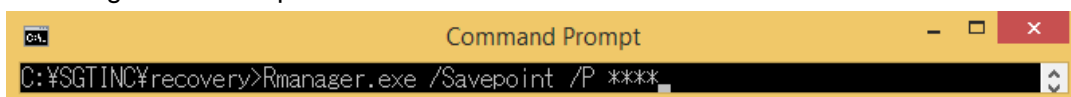


- B) Enter the password when the password is enable. Enter the password, and then press “OK” button. Windows will reboot and the recovery will be executed if the password is correct.



- C) Specify "/P" in the argument, then the following string will be processed as a password. When the password has been specified, the password entry dialog does not appear.

“RManager.exe /Savepoint /P **** ”



3) Error message

Argument error

“Argument specifying error”, “No space after argument”, or “Specified /Recovery and /Savepoint at one time” will appear according to the error type.

Quiet mode

Specify “/Q”, and then the error message will not appear when an error occurs or the password is wrong in specifying “/P ****”.

Error code

Execute command line options with batch file, and the error code can be handled in “%ERRORLEVEL%”.

CODE	CONTENTS
0	Normal
-1	Parameter error
-2	Cancelled by users
-3	Password error which specified in argument
-4	Execution error of the Savepoint Creation
-5	Recovery error

Chapter 4. Error Codes and Coping Methods

A. Return code of execution of setup module.

If you receive the following error code occurs, 1SecRecovery has not yet been installed. Please perform the installation again after you check and deal with each Workaround to reference.

code	Detail	Coping method
-1000 ~ -1002	1SecRecovery does not support these operating system.	Check the installation specification of 1SecRecovery.
-1003	1SecRecovery has already been installed.	Check if 1SecRecovery has been installed on the system.
-1006	You are not administrator account (only in XP)	Execute with the administrator account.
-1010	The setup.exe could not identify file system.	Check if Local Disk (C:) is MBR format.
-1030	Local Disk (C:) is not boot drive (in case of XP / VISTA)	Boot the Windows on Local Disk (C:).
-1040	The other than Local Disk (C:) is boot drive. (in case of Windows 7 / Windows 8)	Boot the Windows on Local Disk (C:).
-1060	Local Disk (C:) encrypted with BitLocker. (does not support BitLocker)	release the encryption by BitLocker.
-1071	The system is multi-boot environment.	Please in the entire system Windows is configured to present only one.
-1080 ~ -1086	Another recovery software detected.	Uninstall another recovery software.
-1400	Local Disk (C:) does not have enough space.	Secure over 10GB space, including 2GB in serial, on Local Disk (C:), then reinstall.
-5001	Can not identify free space of Local Disk (C:).	There is a problem with the system. Please reinstall Windows.
-5003	system folder is not "C:\windows"	Boot the Windows on Local Disk (C:).
-5004	system folder is not "C:\windows"	Boot the Windows on Local Disk (C:).
-5007	1SecRecovery already installed.	Check if 1SecRecovery has been

		installed on the system.
-5008	user password too long (it may not appear in onerest)	Please set alphanumeric 8 characters includes the alphabet of more than one character.
-5009	The file system of Local Disk (C:) is FAT16, FAT32.	Change the file system on Local Disk (C:) to NTFS.
-5010	Local Disk (C:) is not primary partition.	Change the partition on Local Disk (C:) to primary.
-5011	Local Disk (C:)'s bitmap is splitted more than 64.	Please change the split of volume bitmap in less than 64.
-5012	Disk in which Local Disk (C:) exist is dynamic partition.	Change the partition on Local Disk (C:) to primary.
-5013	sector size of disk is larger than 512 bytes.	Change sector size on Local Disk (C:) to 512 or less bytes.
-5014	not supported OS	Please install supported Windows.
-5015	OS is server version	Please install supported Windows.
-5017	partition format is not supported.	Change the partition on Local Disk (C:) to primary.
-5018	Can not acquire physical number of disk in which Local Disk (C:) exist.	There is a problem with the system or physical disk. Please reinstall Windows.
-5019	partition type is not MBR type.	Change the disk including Local Disk (C:) to MBR type.
-5020	Local Disk (C:)'s cluster size is not 4096 bytes.	Change cluster size on Local Disk (C:) to 4096 bytes.
-5021	compatibility mode enforced in setup.exe (--> Can not get actual OS version)	--
-5029	in case of hybrid EFI partition (does not support)	Change partition on Local Disk (C:) to UEFI partition.
-5030	Can not read geometry of disk	There is a problem with the system or physical disk. Please reinstall Windows.
-5031	start position of partition less than drive geometry's sector number	There is a problem with the system or physical disk. Please reinstall Windows.
-5035	boot partition is not NTFS (in case of Windows 7 or later, boot partition	Change partition on Local Disk (C:) to NTFS format.

	different with Local Disk (C:) partition generally)	
-5109	file creation error / file initialize error (internally used file)	There is a problem with the system or physical disk. Please reinstall Windows.
-5201	Can not open Local Disk (C:)	There is a problem with the system or physical disk. Please reinstall Windows.
-5202	error in getting allocation status	There is a problem with the system or physical disk. Please reinstall Windows.
-5203	error in getting partition information	There is a problem with the system or physical disk. Please reinstall Windows.
-5204	error in getting drive layout of C:	There is a problem with the system or physical disk. Please reinstall Windows.
-5205	error in open physical drive	There is a problem with the system or physical disk. Please reinstall Windows.
-5206	error in get drive layout (physical disk in which Local Disk (C:) reside)	There is a problem with the system or physical disk. Please reinstall Windows.
-5207	error in open drive	There is a problem with the system or physical disk. Please reinstall Windows.
-5208	no physical drive for C:	There is a problem with the system or physical disk. Please reinstall Windows.
-5209	error in reading bitmap	There is a problem with the system or physical disk. Please reinstall Windows.
-5210	cannot identify bitmap	There is a problem with the system or physical disk. Please reinstall Windows.
-5211	cannot find drive	There is a problem with the system or physical disk. Please reinstall Windows.

-5212	error in getting in OS version	There is a problem with the system. Please reinstall Windows.
-5249	Local Disk (C:) does not have 2GB in serial.	Secure over 10GB space, including 2GB in serial, on Local Disk (C:), then reinstall.
-5321 ~ -5329	file creation error / file initialize error (internally used file)	There is a problem with the system or physical disk. Please reinstall Windows.
-5401	error in reading physical disk	There is a problem with the physical disk. Please replace the physical disk.
-5402	error in reading MBR	There is a problem with the physical disk. Please replace the physical disk.
-5501	error in writing new MBR	There is a problem with the physical disk. Please replace the physical disk.
-5502	error in reading new MBR	There is a problem with the physical disk. Please replace the physical disk.
-5503	error in verify new MBR	There is a problem with the physical disk. Please replace the physical disk.
-5601 ~ -5615	internal file initialize error. error position is different by error code. it divided for debugging purpose.	--

B. "1SecRecovery Corrupt! " Error

This error may occur when the program has already been installed or the installation has failed.

This error occurs when you backup the system, which system has already installed 1SecRecovery, with image backup programs like Norton Ghost, and try to recover that image on another computer.

Coping method

- ♦ The system installed 1SecRecovery does not support image copies using image backup programs like Norton Ghost.

- ♦ When Windows is installed using image backup programs, boot the computer on DOS using a floppy or CD bootable with DOS. Execute “fdisk /MBR” command on DOS.
- ♦ If an error occurs during the installation, press “U” key on the Emergency Menu to uninstall 1SecRecovery, then check if other recovery programs have been installed.
If other recovery programs have been installed, uninstall them, then reinstall 1SecRecovery.
- ♦ If there is no recovery program on the computer or this error continues to occur, please inquire with the dealer.

C. “Delay Writing Error” on Windows

This error occurs when Local Disk (C:) does not have enough space for 1SecRecovery.

Coping method

- ♦ Execute “Recovery”, or then execute “Emergency Recovery” after rebooting Windows.

Precaution

- ♦ Execute “Recovery” or “Savepoint Creation” regularly, so as not to make the “Space for 1SecRecovery” too big.

Caution

- ♦ When “Savepoint Creation” has been executed under “Delay Writing Error”, it would be impossible to recover Local Disk (C:) since the state of the system with damages will be saved as the recovery resource.

[Inquiry about technical matters]

The contents of this manual may change for the improvement of this product.

Corresponding information will be provided on our homepage.

Preservation of the data cannot be guaranteed by us. Always backup your important data.

If you have any inquiries about this program, or you'd like to purchase additional copies, please contact us below:

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